

SEQUENCE LISTING

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ZHONG, ZHAOJING
CHANG, QING

<120> HUMAN ANTIPNEUMOCOCCAL ANTIBODIES FROM NON-HUMAN
ANIMALS

<130> ABX-AE1

<150> PCT/US02/18363

<151> 2002-05-16

<150> US60/291,492

<151> 2001-05-16

<160> 21

<170> PatentIn Ver. 2.1

<210> 1

<211> 462

<212> DNA

<213> Homo sapiens

<400> 1

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tccgtgaagg gccggttcac catctccaga gacaattcca agaacacgct gtatctgcaa 300
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tggggatcgt ttgactactg gggccaggga accctgggtc ccgtctctc agggagtgca 420
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<212> DNA

<213> Homo sapiens

<400> 2

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tcgggtaact ccaggagag tgtcacagag caggacagca aggacagcac ctacagcctc 540
agcagcacc cagcgtgag caaagcagac tacgagaaac acaaagtcta cgcctgcgaa 600
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<210> 3

<211> 475

<212> DNA

<213> Homo sapiens

<400> 3

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gcagcgtctg gattcacctt cagtagctat ggcattgact ggggtccgcca ggctccaggg 180
aaggggctgg agtgggtggc agttatatgg tatgatggaa gtaataaata ctatgcagac 240
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tccgtgaagg	gccgattcac	catctccaga	gacaattcca	agaacacgct	gtatctgcaa	300
atgaacagcc	tgagagccga	ggacacggct	gtgtattact	gtgcgagaga	tcgggagtgg	360
ctgaggtact	actactacgg	tatggacgtc	tggggccaag	ggaccacggg	caccgtctcc	420
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ggttcagcgg	cagtggatct	gggacagatt	tcactctcac	catcagcagc	ctgcagcctg	240
aagattttgc	aacttactat	tgtcaacagg	ctaacagttt	ccctcggacg	ttcggccaag	300
ggaccaaggt	ggaaatcaaa	cgaactgtgg	ctgcaccatc	tgtcttcac	ttcccgccat	360
ctgatgagca	gttgaaatct	ggaactgcct	ctgttgtgtg	cctgctgaat	aacttctatc	420
ccagagaggg	caaagtacag	tggaaagtgg	ataacgcctt	ccaatcgggt	aactcccagg	480
agagtgtcac	agagcaggac	agcaaggaca	gcacctacag	cctcagcagc	accctgacgc	540
tgagcaaagc	agactacgag	aaacacaaaag	tctacgcctg	cgaagtcacc	catcagggcc	600
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 <212> DNA
 <213> Homo sapiens

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aaggggctgg	agtgggttgg	ccgtattaaa	agcaaaactg	atgggtgggac	aacagactac	240
gctgcacccg	tgaaaggcag	attcaccatc	tcaagagatg	attcaaaaaa	cacgctgtat	300
ctgcaaata	acagcctgaa	aaccgaggac	acagccgtgt	attactgtac	cacaagctgg	360
aactacaggt	actactttga	ctactggggc	caggaaccc	tggtcacctg	ctcctcaggg	420
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gatcagctct	caaagctcct	catcaagtat	gcttcccagt	ccttctcagg	ggtcccctcg	180
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gagagtgtca	cagagcagga	cagcaaggac	agcactaca	gcctcagcag	caccctgacg	540
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<210> 7
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 <212> DNA
 <213> Homo sapiens

<400> 7

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gcagcctctg gattcacttt cagtaacgcc tggatgagct ggggccgcca ggctccaggg 180
aaggggctgg agtgggttgg ccgtattaaa agcaaaactg atggtgggac aacagactac 240
gctgcacccg tgaaaggcag attcaccatc tcaagagatg attcaaaaaa cacgctgtat 300
ctgcaaataga acagcctgaa aaccgaggac acagccgtgt attactgtac gaaacatagt 360
gggagctact acggatactt ccagcactgg ggccagggca ccctggtcac cgtctcctca 420
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<210> 8
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<223> a, t, c, g, other or unknown

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<222> (513)
<223> a, t, c, g, other or unknown

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tcgggtaact cccangagag tgtcacagag cangacagca aagacagcac ctacagcctc 540
agcagcacc cagcgtgag caaagcagac tacgagaaac acaaagtcta cgcctgcgaa 600
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<210> 9
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<212> PRT
<213> Homo sapiens

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<210> 10
<211> 12
<212> PRT
<213> Homo sapiens

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<400> 10
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<210> 11
<211> 11
<212> PRT
<213> Homo sapiens

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<400> 11
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5

10

<210> 12

<211> 15

<212> PRT

<213> Homo sapiens

<400> 12

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1 5 10 15

<210> 13

<211> 9

<212> PRT

<213> Homo sapiens

<400> 13

Met Gln Gly Thr His Trp Pro Arg Thr
1 5

<210> 14

<211> 7

<212> PRT

<213> Homo sapiens

<400> 14

Met Ala Leu Gln Thr Arg Thr
1 5

<210> 15

<211> 7

<212> PRT

<213> Homo sapiens

<400> 15

His Ser Ser Ser Leu Arg Thr
1 5

<210> 16

<211> 7

<212> PRT

<213> Homo sapiens

<400> 16

Gln Ala Asn Ser Phe Arg Thr
1 5

<210> 17

<211> 7

<212> PRT

<213> Homo sapiens

<400> 17

Val Ala Ser Arg Leu Gln Ser
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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21

<210> 20

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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gahatygagc tcacbcagtc tcca

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<210> 21

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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21